AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

generating client message digests corresponding to client files stored on a client, each client message digest corresponding to each client file on a the client, the client message digest uniquely identifying contents of the client files by performing a cryptographic hash of the contents of the client files, and cataloging the client files, the performing of the cryptographic hash of the contents including generating a unique fingerprint identifying the contents of each client file;

generating server message digests corresponding to server files, each server message digest corresponding to a server file on a server, wherein the server is coupled to the client over a network;

prior to synchronizing the client files with the server files, matching client file contents from the client message digests with server file contents from the server message digests to determine whether the client files and the server files are to be synchronized; and

synchronizing the client files and the server files, if the client file contents and the server file contents do not match.

2. (Previously Presented) The method of claim 1, wherein the synchronizing of the client files and the server files comprises adding client file contents that are missing on the server to the server.

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6.   (Cancelled)

7.   (Currently Amended) The method of claim ~~6~~ 1, further comprising combining the client message digests into a single client message digest.

Claims 8-9 (Cancelled)

10.   (Currently Amended) A system comprising:

a storage medium; and

a processor coupled with the storage medium, the processor to:

generate client message digests corresponding to client files stored on the client, each client message digest corresponding to each client file on ~~a~~ the client, the client message digest uniquely identifying contents of the client files by performing a cryptographic hash of the contents of the client files, and cataloging the client files, the performing of the cryptographic hash of the contents including generating a unique fingerprint identifying the contents of each client file;

generate server message digests corresponding to server files, each server message digest corresponding to a server file on a server, wherein the server is coupled to the client over a network;

prior to synchronizing the client files with the server files, match client file contents from the client message digests with server file contents from the server message digests to determine whether the client files and the server files are to be synchronized; and synchronize the client files and the server files, if the client file contents and the server file contents do not match.

11. (Cancelled)

12. (Currently Amended) The system of claim ~~11~~ 10, wherein the cryptographic hash comprises 128 to 160 bits.

Claims 13-19 (Cancelled)

20. (Currently Amended) A machine-readable medium comprising instructions which when executed, cause a machine to:

generate client message digests corresponding to client files stored on a client,

each client message digest corresponding to each client file on the client,

the client message digest uniquely identifying contents of the client files

by performing a cryptographic hash of the contents of the client files, and

cataloging the client files, the performing of the cryptographic hash of the

contents including generating a unique fingerprint identifying the contents

of each client file;

generate server message digests corresponding to server files, each server

message digest corresponding to a server file on a server, wherein the

server is coupled to the client over a network;

prior to synchronizing the client files with the server files, match client file

contents from the client message digests with server file contents from the

server message digests to determine whether the client files and the server

files are to be synchronized; and

synchronize the client files and the server files, if the client file contents and the

server file contents do not match.

Claims 21-28 (Cancelled)

29.   (New) The system of claim 10, wherein the processor is further to add client file

contents that are missing on the server to the server.

30.   (New) The system of claim 10, wherein the processor is further to combine the

client message digests into a single client message digest.

31.   (New) The machine-readable medium of claim 20, wherein the instructions when

executed to perform synchronization, further cause the machine to add client file

contents that are missing on the server to the server.

32.   (New) The machine-readable medium of claim 20, wherein the processor is

further to combine the client message digests into a single client message digest.